

What is claimed is:

1. A flush poke-through fitting for installation in a substantially circular opening in a floor structure, said floor structure defining a floor in a first working environment and a ceiling in a second working environment, said second working environment including a junction box, comprising:
 - 5 a body having an upper and a lower end, and sized for insertion within said substantially circular opening, said upper end including a receptacle region wherein the receptacle region includes a receptacle, at least one electrical outlet being coupled to said receptacle, and said lower end communicating with said junction box;
 - a data jack face plate, wherein at least one data jack is coupled to said data
 - 10 jack face plate;
 - a flange having an opening, providing access to the at least one electrical outlet and the at least one data jack;
 - said data jack face plate sized for removal through the opening in the flange and secured within said receptacle region by at least one fastener, said at least one
 - 15 fastener accessible for removal through the opening of the flange, whereby said data jack face plate may be both installed and uninstalled without removal of said flange.
2. The device according to Claim 1, wherein the substantially circular opening is about four inches in diameter.
3. The device according to Claim 1, the receptacle region further comprising:
 - a hot electrical contact, a ground electrical contact, and a neutral electrical contact coupled to the at least one electrical outlet;
 - a receptacle bottom plate, said receptacle bottom plate being secured to the
 - 5 receptacle, said receptacle bottom plate having a plurality of pins protruding therefrom, wherein each of said contacts is supported by one of the plurality of pins.
4. The device according to Claim 3, wherein the plurality of pins are molded to the receptacle bottom plate.

5. The device according to Claim 3, wherein the at least one electrical outlet is four electrical outlets.
6. The device according to Claim 5, wherein the four electrical outlets are positioned radially along a semicircular arc.
7. The device according to Claim 6, wherein the four electrical outlets are positioned so that the ground electrical contact of each of three electrical outlets is aligned with the neutral electrical contact and the hot electrical contact of a fourth electrical outlet along an inner semicircular arc, and the neutral electrical contact and the hot electrical
5 contact of each of the three electrical outlets is aligned with the ground electrical contact of the fourth electrical outlet along an outer semicircular arc.
8. The device according to Claim 1, wherein the at least one data jack is four data jacks.
9. The device according to Claim 1, wherein the data jack face plate comprises a substantially semicircular shape.
10. The device according to Claim 1, wherein the receptacle comprises a substantially semicircular shape.
11. The device according to Claim 1, said receptacle having a top surface, said top surface being noncoplanar with the data jack face plate.
12. A process for replacing a data jack face plate in a fully-assembled poke-through device, said data jack face plate having at least one data jack secured thereto, said data jack face plate being connected to at least one data communication wire, the fully-assembled poke-through device having at least one opening providing access to said
5 data jack face plate, comprising:
 - detaching and removing the data jack face plate from said fully-assembled poke-through device through the at least one access opening;
 - disconnecting the at least one data jack from the at least one data communication wire;
 - 10 providing a new data jack face plate for installation through said opening;

connecting at least one new data jack in said new data jack face plate to said at least one data communication wire; and

attaching the new data jack face plate to the fully assembled poke-through device.

13. A receptacle assembly, comprising:

a receptacle, said receptacle including an electrical outlet, the electrical outlet including a hot electrical contact, a ground electrical contact, and a neutral electrical contact, each of the contacts including a crimping connection;

5 a bottom plate secured to the receptacle, said bottom plate having a plurality of pins protruding therefrom, each of said contacts being supported by one of the plurality of pins, wherein each one of the plurality of pins has a length sufficient to allow routing of a ground conductor, a neutral conductor, and a hot conductor inside the receptacle.

14. The receptacle assembly according to Claim 13, wherein the plurality of pins protruding from the top surface are molded to said bottom plate.

15. The receptacle assembly according to Claim 13, wherein the electrical outlet is four electrical outlets.

16. The receptacle assembly according to Claim 15, wherein the four electrical outlets are positioned radially along a semicircular arc.

17. The receptacle assembly according to Claim 16, wherein the four electrical outlets are positioned so that the ground electrical contact of each of three electrical outlets is aligned with the neutral electrical contact and the hot electrical contact of a fourth electrical outlet along an inner semicircular arc, and the neutral electrical
5 contact and the hot electrical contact of each of three electrical outlets is aligned with the ground electrical contact of the fourth electrical outlet along an outer semicircular arc.

18. The receptacle assembly according to Claim 13, further comprising a data jack face plate, including at least one data jack coupled to said data jack face plate.

19. The receptacle assembly according to Claim 18, wherein the at least one data jack is at least four data jacks.
20. The receptacle assembly according to Claim 18, the receptacle comprising a top surface, said top surface being noncoplanar with the data jack face plate, wherein the data jack face plate is separately removable from the receptacle.
21. The receptacle assembly according to Claim 20, wherein the data jack face plate comprises a substantially semicircular shape, the receptacle comprises a substantially semicircular shape, and further wherein the top surface of the receptacle is substantially parallel to and adjacent the data jack face plate.
22. The receptacle assembly according to Claim 13, wherein the receptacle assembly is adapted for use in a poke-through device.
23. The receptacle assembly according to Claim 22, wherein the poke-through device is sized to fit within an approximately four-inch diameter substantially circular opening.
24. A method of assembling a receptacle assembly for use in a poke-through device comprising an electrical receptacle region, the electrical receptacle region having a receptacle and a receptacle bottom, the receptacle including an electrical outlet, said electrical outlet having a ground contact, a neutral contact, and a hot contact,
- 5 comprising the steps of:
- crimping a ground conductor to a crimping connection on the ground contact;
 - crimping a neutral conductor to a crimping connection on the neutral contact;
 - crimping a hot conductor to a crimping connection on the hot contact;
 - inserting the contacts into the receptacle to form the electrical outlet;
 - 10 routing the hot conductor, the neutral conductor and the ground conductor inside the receptacle;
 - securing a receptacle bottom plate to the receptacle, said receptacle bottom plate including a plurality of pins protruding from the receptacle and positioned to

push on and support the hot electrical contact, the ground electrical contact, and the neutral electrical contact of the electrical outlet.

25. The method according to Claim 24, further comprising the step of securing the data jack face plate to the electrical receptacle region.

5 26. In combination:

a floor structure having upper and lower surfaces defining a floor thickness and having a poke-through receiving hole formed therein, said receiving hole extending in a direction generally perpendicular to said upper and lower surfaces; and

a flush poke-through device comprising:

10 a body having an upper and a lower end, and sized for insertion within said receiving hole, said upper end including a receptacle region wherein the receptacle region includes a receptacle, at least one electrical outlet being coupled to said receptacle, and said lower end communicating with a junction box, and wherein the receptacle has an upper surface facing said upper surface of said floor
15 structure;

a data jack face plate, wherein at least one data jack is coupled to said data jack face plate, said data jack face plate facing said upper surface of said floor structure and being noncoplanar with said receptacle;

20 a flange mounted to said upper surface and having an opening, the opening providing access to the at least one electrical outlet and the at least one data jack;

said data jack face plate sized for removal through the at least one opening and secured within said receptacle region by at least one fastener, said at least one fastener accessible for removal through the opening of the flange, whereby said data jack face plate may be both installed and uninstalled without removal of said
25 flange;

said receptacle region and data jack face plate being retained in said receiving hole at a distance below said upper surface of said floor structure which is sufficient to prevent interface of said receptacle region, data jack face plate, and a

typical connector secured thereto, with objects and persons located on said upper surface of said floor structure.